

Thesis errata (last update: December 7, 2010)

- **Page v:** *Remerciements* instead of *Remerciments*
- **Page 87, equation (5.7):** the *equality* = should be *lower or equal to* \leq ; that is,

$$\rho(E_{TG}) \leq \max \left(\lambda_{\max}(X^{-1}A) - 1, 1 - \frac{1}{\mu_X} \right) .$$

- **Page 88, third line:** in “The equality (5.7) is a direct consequence of ...”, “equality” should be “inequality”.
- **Page 88, third paragraph of the proof, second sentence:**
“Hence (5.7) gives (5.9) since it is known by [44, Theorem 2.1] that $\mu_X \geq 1$.”
should be
“Hence, since it is known by [44, Theorem 2.1] that $\mu_X \geq 1$, the second term in (5.7) is larger than the first one. It follows then from the proof of [44, Corollary 2.2] that inequality (5.7) becomes an equality, hence (5.9).”
- **Page 92, Proposition 5.1:** all n_c should be replaced with $n^{(0)}$ (namely, those in second line of the proposition, second max in (5.25), second line of the proof).
- **Page 92, Theorem 5.3:** $\mathbf{p}^{(k)}$ should be \mathbf{p} .
- **Page 97, line 7-8 from below:** in “Observe that when mode are added to an aggregate, ...”, “mode” should be “nodes”.
- **Page 98, equation (5.38):** first $\tilde{\mathbf{v}}$ should be $\tilde{\mathbf{v}}^T$.
- **Page 102, first equation in display before (5.52):** both sums should be between 1 and \bar{n}_c .